

MODULAR DOOR TRIM PANEL ASSEMBLY HAVING AN INTEGRATED SEAL AND METHOD OF MANUFACUTRING SAME

ABSTRACT OF THE DISCLOSURE

The present invention relates to a modular door trim panel assembly having an integrated seal for use in an automotive interior including a molded substrate having a first side defining an A-side surface visible from the interior of vehicle and a second side opposite the first side defining a B-side surface. The substrate includes a pair of side terminal edges and a lower terminal edge extending therebetween. The modular door trim panel assembly further includes at least one seal co-molded while the substrate is formed and bonded to the B-side of the substrate. The seal extends substantially parallel to the pair of side terminal edges and the lower terminal edge of the substrate and prevents the entry of moisture between the B-side of the substrate and the vehicle door. The present invention also relates to a method of molding the modular door trim panel assembly having an integrated seal.